

ENERGY STAR Computer - Small Scale Server QP List

List Posted on May 25, 2010

Includes All ENERGY STAR Qualified Models Submitted to EPA, Including Models that Are Not Available in the U.S. and Models that May No Longer Be Available in the Market.

* Idle power levels are based on hardware characteristics specific to each system. Some models may be customized by the consumer in ways that change applicable idle level category to which they are evaluated and manufacturers are required to report power data in idle for the highest power configuration at each level under which they would like the system to qualify. For a description of categories for idle criteria, please refer to the Version 5.0 ENERGY STAR Computers Eligibility Criteria at http://www.energystar.gov/a/partners/product_specs/program_reqs/Computer_Spec_Final.pdf.

** In Computers 4.0 this field was labeled Standby. In Computers 5.0 this field is labeled Off.

Product (Unit) Type	Partner Name	Brand	Model Name	Model Number	Processor Brand	Processor Name	Processor Speed	Idle Category A System Memory	Idle Category B System Memory	Category	Operating System Name	115V Off**	115V A Power in Idle	115V B Power in Idle	230V Off**	230V A Power in Idle	230V B Power in Idle	100V Off**	100V A Power in Idle	100V B Power in Idle	Sleep Mode Default Time Upon Shipment	Display Sleep Mode Default Time Upon Shipment	Major Markets
Small Scale Server	Acer Incorporated	Acer	Aspire easystore H340G	Aspire easystore H340 Series	Intel	Atom	1.6 GHz	2	4		Windows Server 2008	0.85	34.55	49.54	0.99	34.2	48.76				10 minutes		Australia/New Zealand, Canada, European Union, Taiwan, United States
Small Scale Server	Acer Incorporated	Acer	Aspire easyStore H341	Aspire easyStore H341	Intel	Atom	1.6 GHz	2		Category A	Windows 2000	.65	43.15		.79	42.78						Australia/New Zealand, Canada, European Union, Taiwan, United States	
Small Scale Server	Acer Incorporated	Acer	Aspire easyStore H342	Aspire easyStore H342	Intel	Atom	1.6 GHz	2		Category A	Windows 2000	.65	43.15		.79	42.78						Australia/New Zealand, Canada, European Union, Taiwan, United States	
Small Scale Server	Apple Inc.	Apple	Mac mini with Snow Leopard Server	MC408	Intel	Core2 Duo	2.53 GHz	4		Category A	Mac OS X	0.80	14.4		0.989	15.2		0.81	14.5			Australia/New Zealand, Canada, European Union, Japan, Taiwan, United States	
Small Scale Server	Fujitsu Technology Solutions GmbH	Fujitsu	PGT1012V3	PGT1012V3	Intel	Xeon	2.66 GHz		4	Category B	Windows Server 2008	1.29		64.2	1.53		63.3	1.28		64.5		Australia/New Zealand, Canada, European Union, Japan, Taiwan, United States	
Small Scale Server	Fujitsu Technology Solutions GmbH	Fujitsu	PGT1016V3	PGT1016V3	Intel	Xeon	2.66 GHz		4	Category B	Windows Server 2008	1.29		64.2	1.53		63.3	1.28		64.5		Australia/New Zealand, Canada, European Union, Japan, Taiwan, United States	
Small Scale Server	Fujitsu Technology Solutions GmbH	Fujitsu	PGT1224V3	PGT1224V3	Intel	Core2 Duo	2.53 GHz		8	Category B	Windows Server 2008	0.83		55.5	1.03		54.9	0.81		54.4		Australia/New Zealand, Canada, European Union, Japan, Taiwan, United States	
Small Scale Server	Fujitsu Technology Solutions GmbH	Fujitsu	PGT1224V6	PGT1224V6	Intel	Core2 Duo	2.53 GHz		8	Category B	Windows Server 2008	0.83		55.5	1.03		54.9	0.81		54.4		Australia/New Zealand, Canada, European Union, Japan, Taiwan, United States	
Small Scale Server	Fujitsu Technology Solutions GmbH	Fujitsu	PRIMERGY TX100 S1 E-STAR5	PRIMERGY TX100 S1 E-STAR5	Intel	Xeon	2.66 GHz		4	Category B	Windows Server 2008	1.29		64.2	1.53		63.3	1.28		64.5		Australia/New Zealand, Canada, European Union, Japan, Taiwan, United States	
Small Scale Server	Fujitsu Technology Solutions GmbH	Fujitsu	PRIMERGY TX120 S2 E-STAR5	PRIMERGY TX120 S2 E-STAR5	Intel	Core2 Duo	2.53 GHz		8	Category B	Windows Server 2008	0.83		55.5	1.03		54.9	0.81		54.4		Australia/New Zealand, Canada, European Union, Japan, Taiwan, United States	
Small Scale Server	LG Electronics, Inc.	LG	N1T1DB1	N1T1DB1	Other	Other (enter below)	1 GHz	0.128		Category A	Linux	0.2	11.84		0.25	12.25		0.19	11.8			Australia/New Zealand, Canada, European Union, Japan, Taiwan, United States	
Small Scale Server	LG Electronics, Inc.	LG	N1T1DD1	N1T1DD1	Other	Other (enter below)	1 GHz	0.128		Category A	Linux	0.2	11.84		0.25	12.25		0.19	11.8			Australia/New Zealand, Canada, European Union, Japan, Taiwan, United States	
Small Scale Server	LG Electronics, Inc.	LG	N1T1DF1	N1T1DF1	Other	Other (enter below)	1 GHz	0.128		Category A	Linux	0.2	11.84		0.25	12.25		0.19	11.8			Australia/New Zealand, Canada, European Union, Japan, Taiwan, United States	
Small Scale Server	LG Electronics, Inc.	LG	N1T1NB1	N1T1NB1	Other	Other (enter below)	1 GHz	0.128		Category A	Linux	0.2	11.84		0.25	12.25		0.19	11.8			Australia/New Zealand, Canada, European Union, Japan, Taiwan, United States	

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Small Scale Server	LG Electronics, Inc.	LG	N1T1ND1	N1T1ND1	Other	Other (enter below)	1 GHz	0.128		Category A	Linux	0.2	11.84		0.25	12.25		0.19	11.8				Australia/New Zealand, Canada, European Union, Japan, Taiwan, United States	
Small Scale Server	LG Electronics, Inc.	LG	N1T1NF1	N1T1NF1	Other	Other (enter below)	1 GHz	0.128		Category A	Linux	0.2	11.84		0.25	12.25		0.19	11.8				Australia/New Zealand, Canada, European Union, Japan, Taiwan, United States	
Small Scale Server	LG Electronics, Inc.	LG	N4B2N	N4B2N	Intel	Other (enter below)	1.6 GHz		1	Category B	Linux	0.57		48	0.64		47							Australia/New Zealand, Canada, European Union, United States
Small Scale Server	LG Electronics, Inc.	LG	N4B2NB1	N4B2NB1	Intel	Other (enter below)	1.6 GHz		1	Category B	Linux	0.57		48	0.64		47							Australia/New Zealand, Canada, European Union, United States
Small Scale Server	LG Electronics, Inc.	LG	N4B2NB2	N4B2NB2	Intel	Other (enter below)	1.6 GHz		1	Category B	Linux	0.57		48	0.64		47							Australia/New Zealand, Canada, European Union, United States
Small Scale Server	LG Electronics, Inc.	LG	N4B2NB4	N4B2NB4	Intel	Other (enter below)	1.6 GHz		1	Category B	Linux	0.57		48	0.64		47							Australia/New Zealand, Canada, European Union, United States
Small Scale Server	LG Electronics, Inc.	LG	N4B2ND1	N4B2ND1	Intel	Other (enter below)	1.6 GHz		1	Category B	Linux	0.57		48	0.64		47							Australia/New Zealand, Canada, European Union, United States
Small Scale Server	LG Electronics, Inc.	LG	N4B2ND2	N4B2ND2	Intel	Other (enter below)	1.6 GHz		1	Category B	Linux	0.57		48	0.64		47							Australia/New Zealand, Canada, European Union, United States
Small Scale Server	LG Electronics, Inc.	LG	N4B2ND4	N4B2ND4	Intel	Other (enter below)	1.6 GHz		1	Category B	Linux	0.57		48	0.64		47							Australia/New Zealand, Canada, European Union, United States
Small Scale Server	LG Electronics, Inc.	LG	N4B2NF1	N4B2NF1	Intel	Other (enter below)	1.6 GHz		1	Category B	Linux	0.57		48	0.64		47							Australia/New Zealand, Canada, European Union, United States
Small Scale Server	LG Electronics, Inc.	LG	N4B2NF2	N4B2NF2	Intel	Other (enter below)	1.6 GHz		1	Category B	Linux	0.57		48	0.64		47							Australia/New Zealand, Canada, European Union, United States
Small Scale Server	LG Electronics, Inc.	LG	N4B2NF4	N4B2NF4	Intel	Other (enter below)	1.6 GHz		1	Category B	Linux	0.57		48	0.64		47							Australia/New Zealand, Canada, European Union, United States
Small Scale Server	LG Electronics, Inc.	LG	N4R2N	N4R2N	Intel	Other (enter below)	1.6 GHz		1	Category B	Linux	0.57		48	0.64		47							Australia/New Zealand, Canada, European Union, United States
Small Scale Server	LG Electronics, Inc.	LG	N4R2NB1	N4R2NB1	Intel	Other (enter below)	1.6 GHz		1	Category B	Linux	0.57		48	0.64		47							Australia/New Zealand, Canada, European Union, United States
Small Scale Server	LG Electronics, Inc.	LG	N4R2NB2	N4R2NB2	Intel	Other (enter below)	1.6 GHz		1	Category B	Linux	0.57		48	0.64		47							Australia/New Zealand, Canada, European Union, United States
Small Scale Server	LG Electronics, Inc.	LG	N4R2NB4	N4R2NB4	Intel	Other (enter below)	1.6 GHz		1	Category B	Linux	0.57		48	0.64		47							Australia/New Zealand, Canada, European Union, United States
Small Scale Server	LG Electronics, Inc.	LG	N4R2ND1	N4R2ND1	Intel	Other (enter below)	1.6 GHz		1	Category B	Linux	0.57		48	0.64		47							Australia/New Zealand, Canada, European Union, United States
Small Scale Server	LG Electronics, Inc.	LG	N4R2ND2	N4R2ND2	Intel	Other (enter below)	1.6 GHz		1	Category B	Linux	0.57		48	0.64		47							Australia/New Zealand, Canada, European Union, United States
Small Scale Server	LG Electronics, Inc.	LG	N4R2ND4	N4R2ND4	Intel	Other (enter below)	1.6 GHz		1	Category B	Linux	0.57		48	0.64		47							Australia/New Zealand, Canada, European Union, United States

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Small Scale Server	LG Electronics, Inc.	LG	N4R2NF1	N4R2NF1	Intel	Other (enter below)	1.6 GHz	1	Category B	Linux	0.57		48	0.64		47							Australia/New Zealand, Canada, European Union, United States	
Small Scale Server	LG Electronics, Inc.	LG	N4R2NF2	N4R2NF2	Intel	Other (enter below)	1.6 GHz	1	Category B	Linux	0.57		48	0.64		47							Australia/New Zealand, Canada, European Union, United States	
Small Scale Server	LG Electronics, Inc.	LG	N4R2NF4	N4R2NF4	Intel	Other (enter below)	1.6 GHz	1	Category B	Linux	0.57		48	0.64		47							Australia/New Zealand, Canada, European Union, United States	

Key Efficiency Criteria	
Version 5.0 Energy Efficiency Requirements	
Product Type	Requirements
Small-Scale Servers	Off Mode: <= 2.0 W Idle State: Category A: <= 50.0 W Category B: <= 65.0 W
Version 5.0 Power Supply and Power Management Requirements for Computers	
Power Management	Monitor Sleep Mode: within 15 minutes of user inactivity Wake On LAN and Wake Management features (for some systems)